

e-Passports

ID Cards

Driver Licenses



Turnkey solutions for production of biometric ID and travel documents

Introduction Biometric matching systems such as AFIS (Automated Fingerprint Identification System), IIS (Iris Identification System) and FIIS (Facial Image Identification System) are at the core of e-Government identity infrastructure. They allow a whole range of improvements in citizens' security, such as:

- Smart biometric ID documents (e-ID cards, passports, driver licenses)
- Passports and Visa control matched with holder's biometrics (documents issued according to ICAO standards)
- Biometric records of persons with criminal history in order to support the law enforcement agencies in establishing the suspects' identities
- Fast and reliable identity checks with or without the ID document of the person being checked
- If applied to criminal police procedures, crimes can be resolved from recovered traces of fingerprints, palm prints or surveillance camera records

These systems are used for collecting, storing, searching and matching respective biometric data along with the textual information (such as name, address, date and place of birth, etc.). Depending on the scope of application of these systems, the biometric features used to define the identity of the owner can encompass fingerprints, palm prints, face photograph, 3D head images, signature and DNA. For example, ICAO (International Civil Aviation Organization) recommends the use of face, fingerprint and iris images in future passports.

